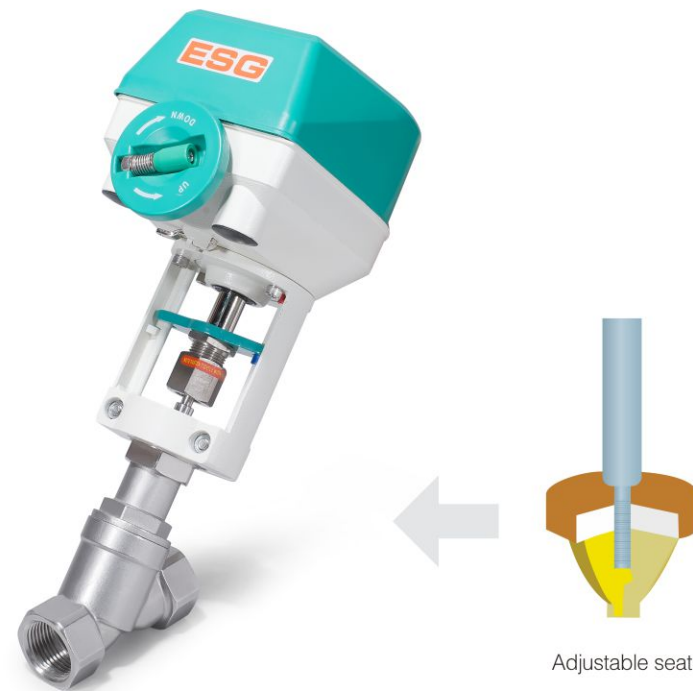


# Proportional Control Angle Seat Valve

106 Series  
Electrical Proportional  
Control Angle Seat Valve



Adjustable seat

## Pressure Data Sheet

Size	Orifice	Actuator	Pressure range (enter below seat) MPa	Pressure range (enter above seat) MPa
DN15	13	10P	0-1.6	0-1.6
DN20	18	10P	0-1.6	0-1.6
DN25	24	10P	0-1.2	0-1.6
		20P	0-1.6	0-1.6
DN32	31	10P	0-0.5	0-1.2
		20P	0-1.6	0-1.6
		35P	0-1.6	0-1.6
DN40	35	10P	0-0.3	0-0.9
		20P	0-1.4	0-1.6
		35P	0-1.6	0-1.6
DN50	45	10P	-	0-0.5
		20P	0-0.6	0-1.1
DN65	61	35P	0-1.5	0-1.6
		20P	-	0-0.6
DN80	80	35P	0-0.7	0-1.1
		20P	-	0-0.3
DN100	90	35P	0-0.3	0-0.6
		35P	-	0-0.4

## Function Principle

Electrical positioner controls the angle seat valve's open/close state through 4-20 mA or 0-10V DC signals. It achieves precise flow adjustment using the adjustable seat within the valve and may allow manual control.

## Attention

- If the valve body needs to be taken off during installation, please recalibrate the zero-point. Keep the positioner upright at all time.
- To ensure accurate adjustment, please install the valve in below seat direction.
- Please ensure water proof of the positioner.

## Advantages

1. Convenient and easy to use
2. Operates steadily under vibration to achieve precise flow control

## Technical Specification

- Voltage: 220V AC or 24V AC
- Control Power: 4-20mA or 0-10V DC
- Medium Temperature: -15°C — +50°C
- Connection type: Threaded, Welded, Flange, Tri-clamp
- Positioner: Electrical motor control
- Protection: IP54
- Leakage class: DIN EN 12266 Class A

## Order Instruction

